# Boralex around the World

## AS OF AUGUST 8, 2022

## An international presence with strong growth potential

Guided by social and environmental values, Boralex provides its customers with clean energy in the most competitive way possible. The Corporation generates profitable and sustainable growth, thereby creating and sharing value while respecting its stakeholders.

To learn more about our sites and projects
https://www.boralex.com/our-projects-and-sites/

**Total installed capacity**

**2,478 MW**

| 2,053 MW | 244 MW | 181 MW | 2 MW |
|---|---|---|---|

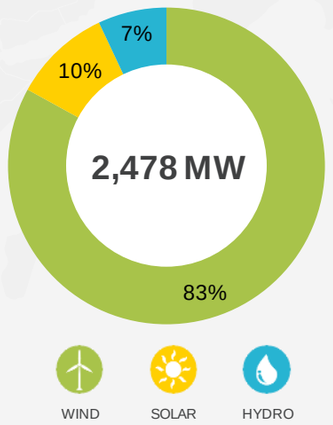
**Projects in development and construction**

**3,9 GW**

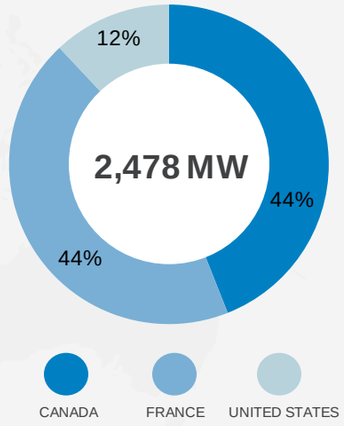
**Storage**

**203 MW**

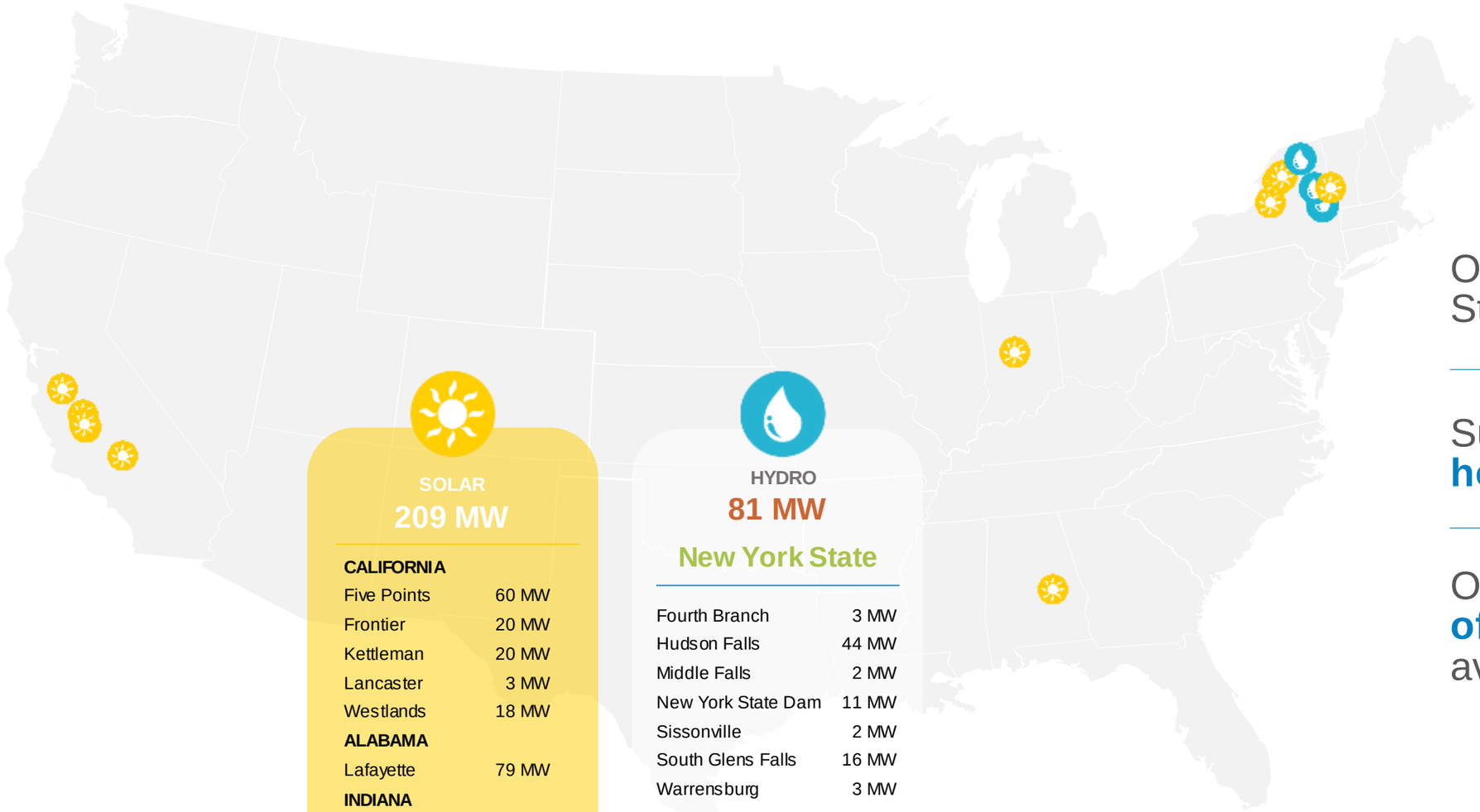
### Segment breakdown




### Geographic breakdown



# Boralex in the United States



**SOLAR**
**209 MW**

| **CALIFORNIA** | |
|---|---|
| Five Points | 60 MW |
| Frontier | 20 MW |
| Kettleman | 20 MW |
| Lancaster | 3 MW |
| Westlands | 18 MW |
| **ALABAMA** | |
| Lafayette | 79 MW |
| **INDIANA** | |
| IMS | 9 MW |

**HYDRO**
**81 MW**

**New York State**

| | |
|---|---|
| Fourth Branch | 3 MW |
| Hudson Falls | 44 MW |
| Middle Falls | 2 MW |
| New York State Dam | 11 MW |
| Sissonville | 2 MW |
| South Glens Falls | 16 MW |
| Warrensburg | 3 MW |

Operating in New York State **for 20 years**

Supplying **over 111,000 homes** per year

Over **738,643 tons of CO2** emissions avoided each year

# Boralex’s Vision

As a member in your community, we understand the decisions we make help shape what our shared energy future will look like.

We are equally committed to our role as a responsible and ethical neighbor, customer, taxpayer and steward of the environment.

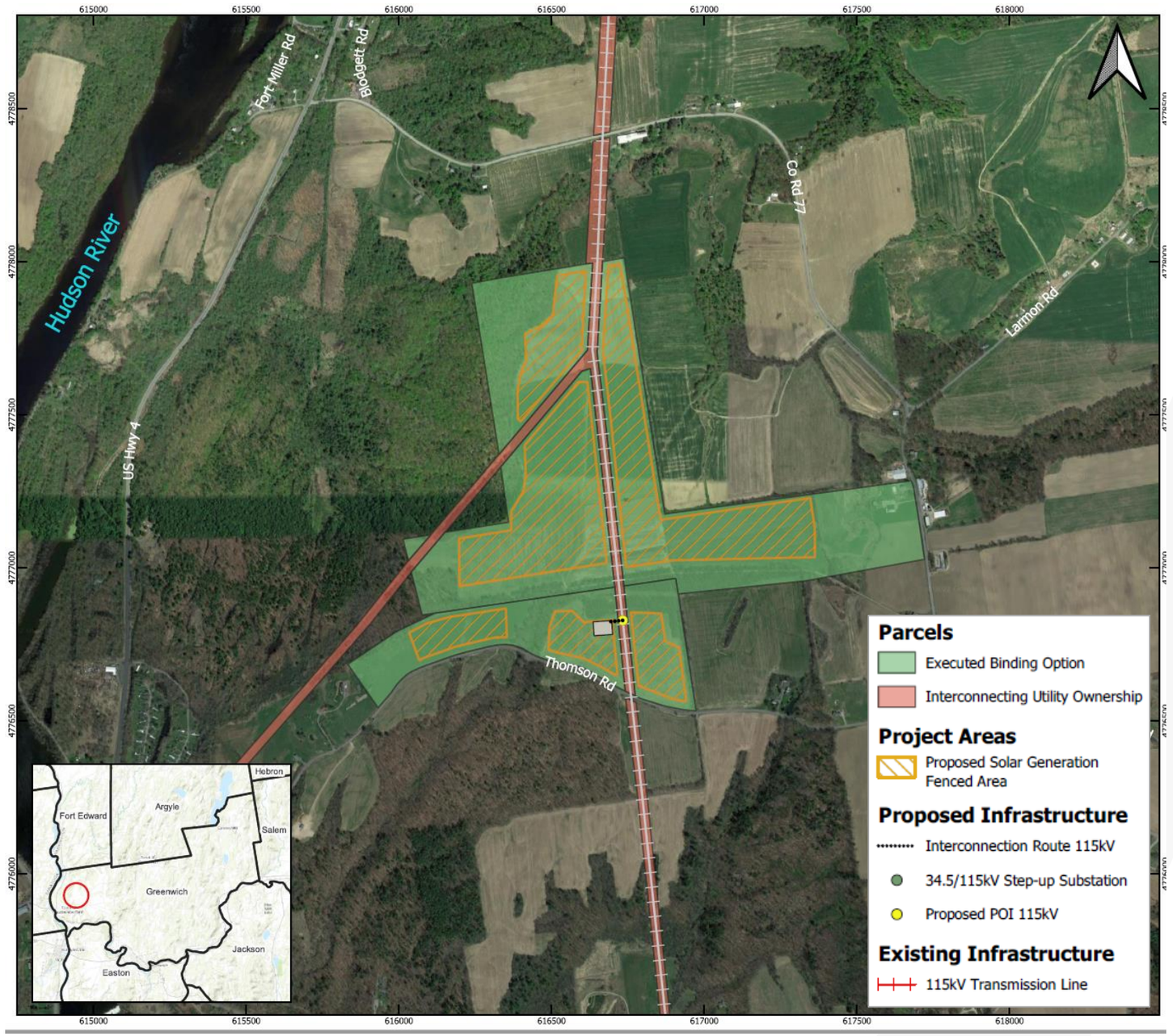
We engage with stakeholders early, often and broadly in informed discussions to ensure that our projects are consistent with local interests.

We grow the economies of the communities where we operate by creating community investments and purchasing goods and services locally.

# Bald Mountain Solar Project Overview

# Project Location

- 20MW utility-scale ground-mounted solar project in the Town of Greenwich, Washington County
- Project fenced area is ~140 acres
- Project site currently used for agriculture (corn, hay)
- Site selected due to terrain, proximity to transmission lines, landowner interest, and limited environmental constraints



# Single Axis Tracking

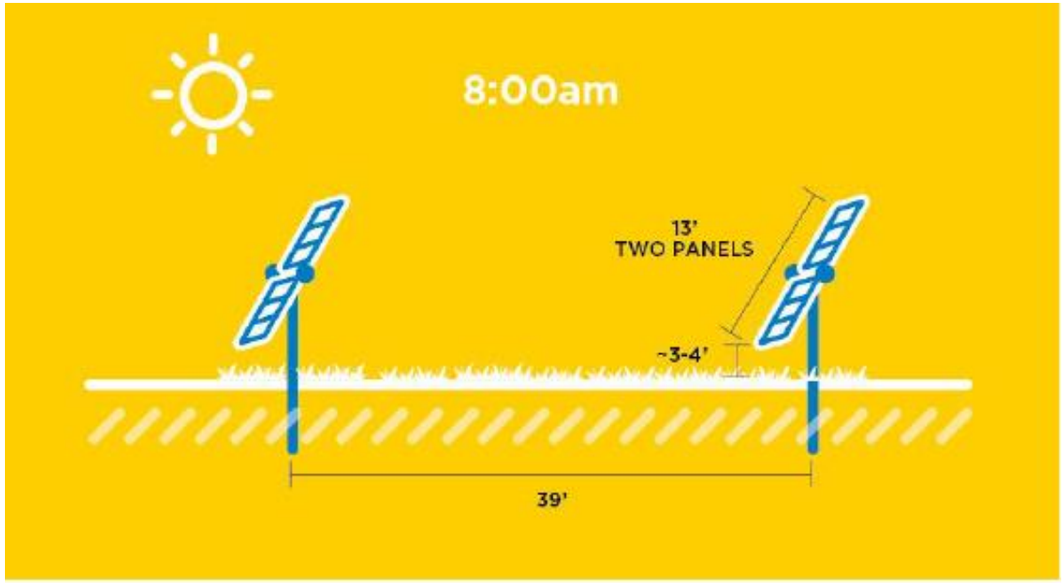
Solar panels are mounted on a racking system driven or screwed into the ground (~3ft deep).

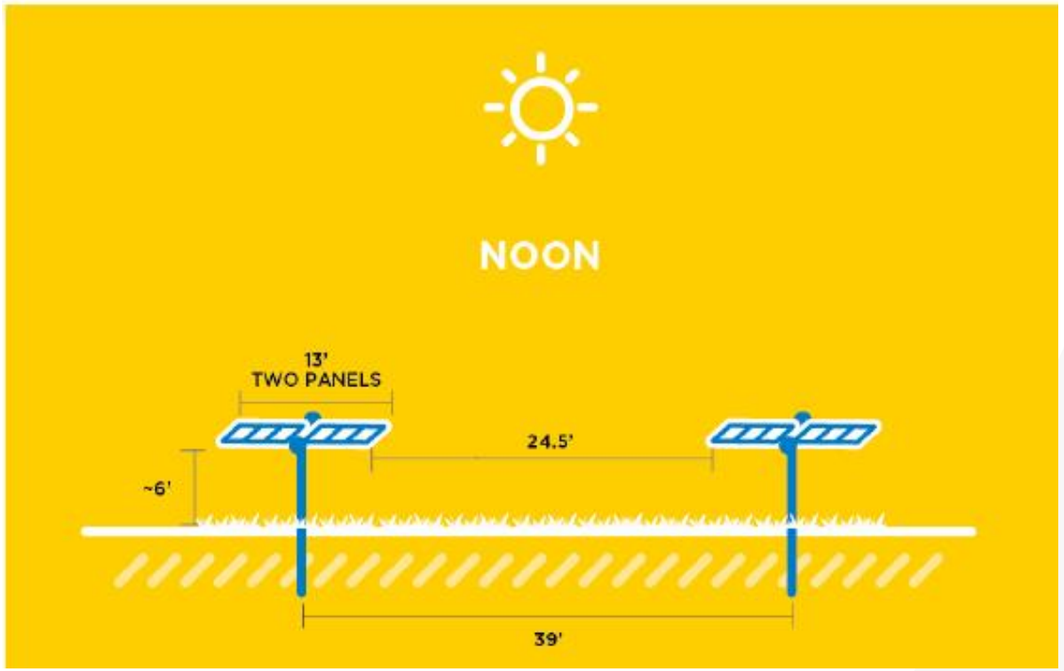
Solar panels are put in rows running north-south.

Panels pivot east-to-west to track the sun over the course of the day.

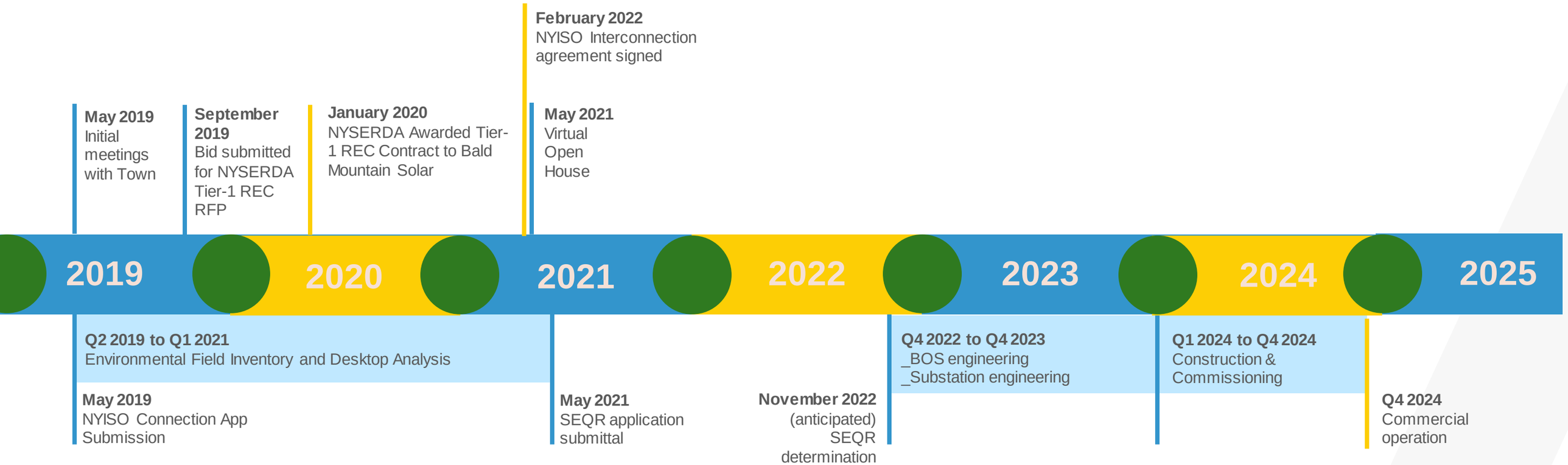
Open space between the rows is substantial, could be upwards of 25' depending on final project design (1P vs 2P).

Gravel access roads will be 20ft wide and fences 8ft high.



# Bald Mountain Solar Project Schedule

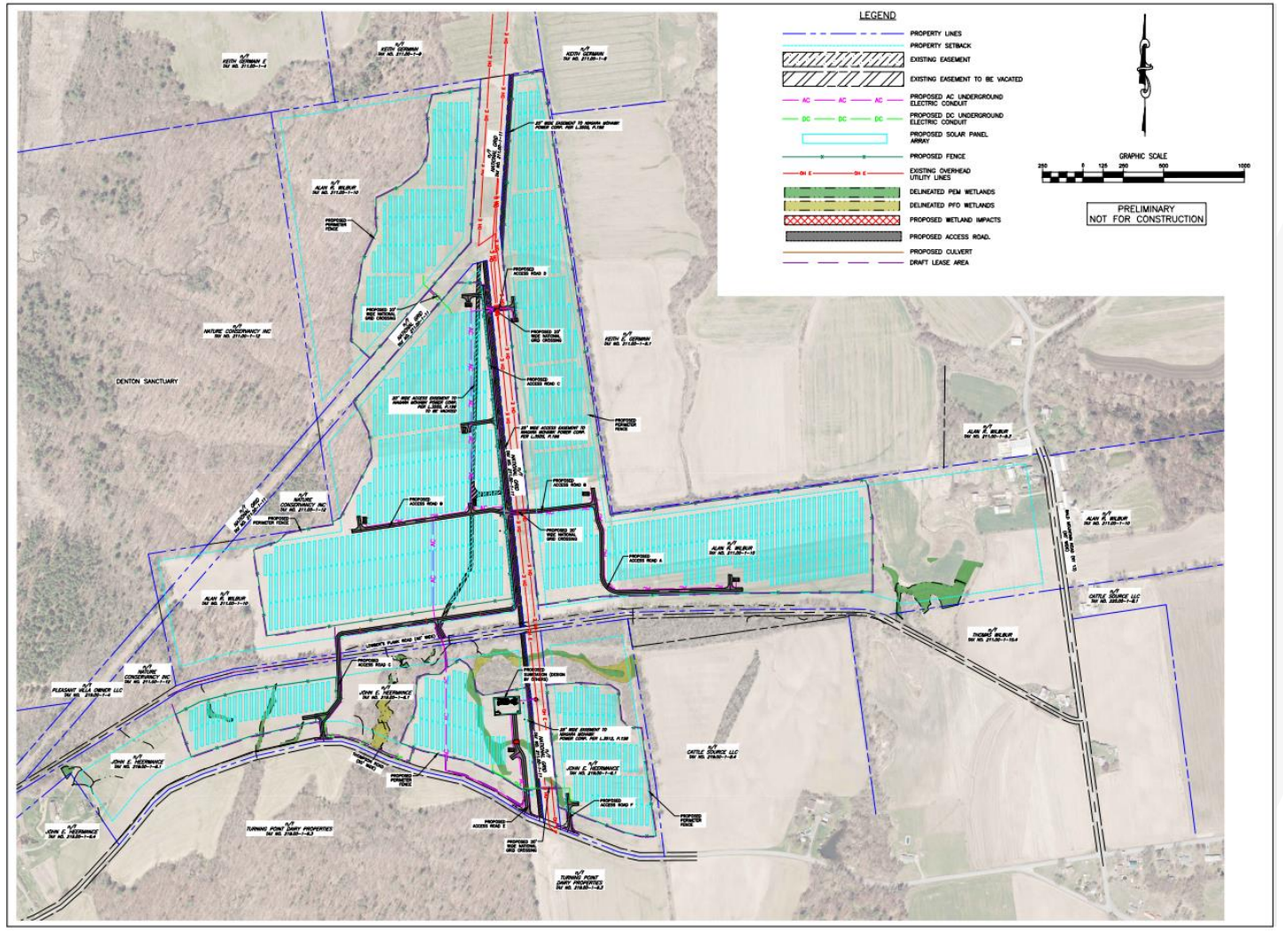



**Ongoing consultation**

# Construction

Boralex has extensive experience in constructing renewable assets and all the steps it involves, including:

- Construction of new roads & improvement of existing ones when beneficial
- Foundation works (piles)
- Racking and modules installations
- Substation and electrical works
- Commissioning of plant



# Photo Simulation: Thomson's Road West and East

# Environmental Field Inventories and Assessments

- Wetland Surveys
- Geotechnical Borings and Electrical Resistivity Testing
- State Historic Preservation Office (SHPO) Review
- USFWS Threatened and Endangered Species Assessment
- Glint and glare analysis
- New York State Department of Environmental Conservation (NYSDEC)

# Agricultural Multi-Use

The site vegetation will be maintained, and agricultural activity continue on the site in the form of sheep grazing.

Boralex has begun discussions with a local shepherd:

- Greenwich based
- 200-400 sheep
- Best-suited and most common solar grazing animals
- Working with a group of local farmers and other agricultural experts, Boralex will reevaluate the multi-use strategy every 5 years, beginning year 4

*Boralex's Les Cigalettes, 10 MW solar facility in Montfort, France*

# Mineral soil groups

Mineral soils are ranked into ten groups by the NYS Department of Agriculture and Markets (AGM) by soil type for each county.

These groups are used to classify the state's agricultural lands, with MSG 1-4 representing the most productive soils with greater abilities to support crop production. They likely have good drainage, enough organic matter, and are less rocky than other types.

The proposed Bald Mountain project has less than 19% soil mineral groups 1-4 underlying the project area.

# Soil Health

Project design decisions can result in improved soil health during the project lifetime, including:

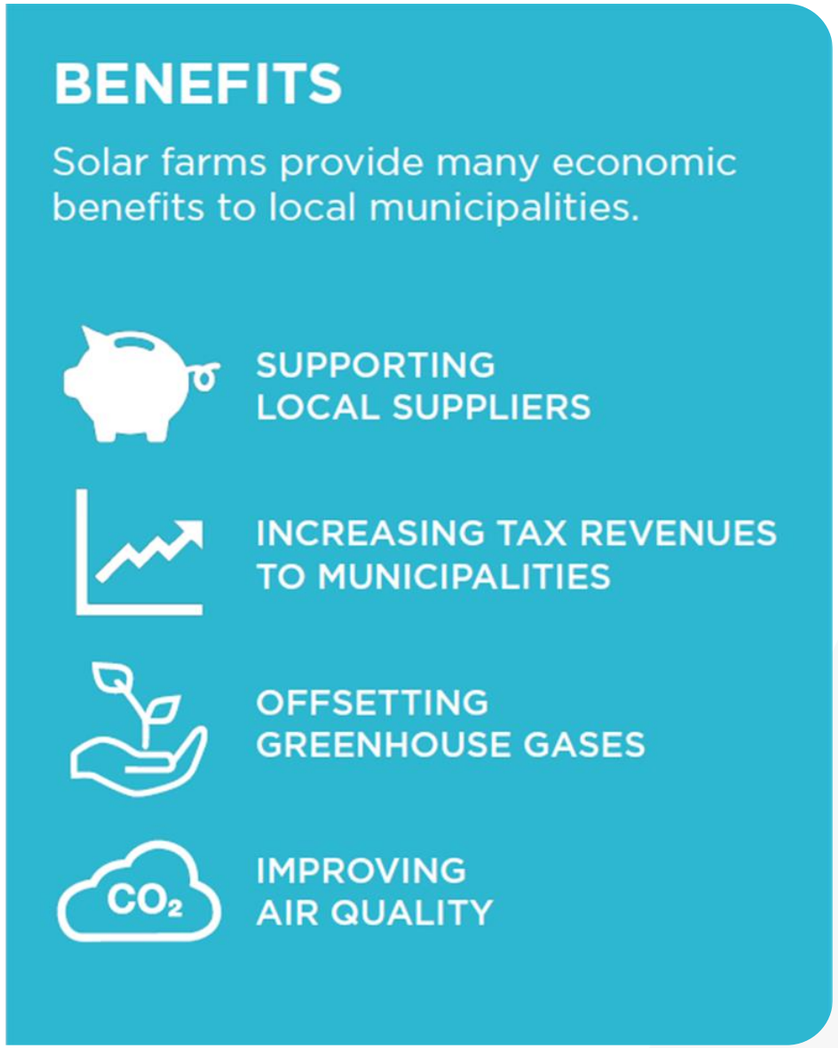
- Increased soil organic matter content
- Increased aggregate stability
- Improved water holding capacity and drainage
- Increased drought and flood resistance

# Decommissioning

- Solar is a reversable land use, unlike housing and other permanent development.
- Boralex is obligated to construct in accordance with NYS Ag & Markets guidelines.
- Racking for solar panels is installed with driven piles or ground screws that are completely removed at the end of life.
- After decommissioning, the underlying land is again available for traditional agriculture.

# Project Benefits

- Prioritizing procuring local contractor services for construction.
- Increased tax revenue for local towns, schools and county.
- ~50 construction jobs during 8 to 12 months construction period.
- Expanded staffing at our South Glens Falls HQ.



# Donations and Sponsorships

Boralex collaborates with local stakeholders to provide meaningful contributions to the vitality of our host communities, such as:

- Funding for Science, Technology, Engineering and Math (STEM) education and workforce development programming
- Partnership with Common Roots Foundation to support non-profit organizations focused on environmental stewardship, social action, and quality of life issues
- Corporate sponsor of the Agricultural Stewardship Association
- Annual donations to local charities (Glens Falls Fire Department, Moreau Community Center, Prospect Center, Open Door Mission, etc.)

# QUESTIONS

BORALEX

# Project Contacts

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**For more information and updates, please visit:**
**www.Boralex.com/projects/bald-mountain**

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*Beyond*

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